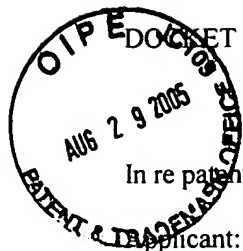


JPW



DOCSET NO.: MS304414.1/MSFTP464US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Applicant: **Manuel Fahndrich, et al.**
Serial No.: **10/667,542**
Filed: **September 22, 2003**
For: **PERSISTED SPECIFICATIONS OF METHOD PRE-AND POST CONDITIONS FOR
STATIC CHECKING**
Art Unit: **2661**
Examiner: **Unknown**

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. Pursuant to 37 C.F.R. §1.97 and §1.98, and in compliance with 37 C.F.R. §1.56, the Office's attention is directed to the patents, publications and other information listed on the attached PTO-1449. A copy of each listed document is enclosed except for: (a) pending applications; (b) those previously cited or submitted to the Office in the following application(s) upon which this application relies for an earlier filing date under 35 U.S.C. §120; and/or (c) U.S. Patent(s) and published applications(s).

Serial No.: _____
Filing Date: _____

Regarding any document, publication or other information for which a date is not given on the attached PTO-1449, Applicant(s) believe(s) the same may qualify as "prior" art to this application and should be treated accordingly, although Applicant(s) reserve(s) the right to contest the prior art status of any document, publication or information, should issue arise.

2. Regarding each listed document that is not in the English language, an English-language translation accompanies this Statement as indicated on the attached PTO-1449 or a concise explanation of the relevance of the document is set forth in the following document(s):

- (a) ☐ Copy of each English language version of a search report indicating the degree of relevance found by the foreign office of each document being submitted from the search report.
- (b) ☐ Attachment entitled "Concise Explanation of Relevance of Non-English Language Documents".

3. Pursuant to 37 C.F.R. §1.97(b) this Statement is being filed (one must be checked):

- (a) ☐ Within 3 months of the filing date or date of entry into the National Stage.
- (b) ☐ Before the mailing date of a first Office Action on the merits. If this Statement is not filed before the mailing date of a first Office Action on the merits, the required certification is given below or, in the absence thereof, the Office is authorized to charge the required fee set forth in 37 C.F.R. §1.17(p) to Deposit Account No. 50-1063 for consideration of this Statement.
- (c) ☒ Before the mailing date of an Office Action after the filing of a request for continued examination under 1.114.



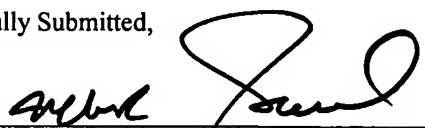
- (d) ☐ After the period set forth in 37 C.F.R. §1.97(b) but before the mailing date of either a final action or a notice of allowance.
- (1) ☐ The required certification is given below, or
- (2) ☐ Regarding the fee set forth in 37 C.F.R. §1.17(p) for consideration of this Statement :
- (i) ☐ Enclosed is a check covering the fee;
- (ii) ☐ Charge the fee set forth in 37 C.F.R. §1.17(p) to Deposit Account No. 50-1063; or
- (iii) ☐ Enclosed is a credit card payment form covering the fee.
- (e) ☐ After the mailing date of either a final action or a notice of allowance, but before payment of the issue fee. Petition hereby is made for consideration of this Statement and the required certification is indicated below. Regarding the fee set forth in 37 C.F.R. §1.17(i)(1) for consideration of this Statement:
- (1) ☐ Enclosed is a check covering the fee;
- (2) ☐ Charge the fee set forth in 37 C.F.R. §1.17(i)(1) to Deposit Account No. 50-1063; or
- (3) ☐ Enclosed is a credit card payment form covering the fee.

4. Certification (if applicable)

- (a) ☐ The undersigned hereby certifies that each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this Statement.
- (b) ☐ The undersigned hereby certifies that no item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the undersigned's knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c) more than 3 months prior to the filing of this Statement.

5. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 50-1063.

Respectfully Submitted,

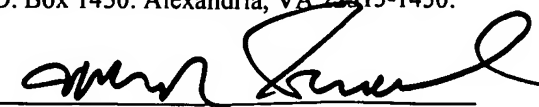
By 
Jeffrey R. Sadlowski
Reg. No. 47,914

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Cleveland, Ohio 44114
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CERTIFICATE OF MAILING

I hereby certify that this correspondence (along with any paper referenced as being attached or enclosed) is being deposited on the below date with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450. Alexandria, VA 22313-1450.

8-25-2005
Date


Jeffrey R. Sadlowski



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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/667,542
				Filing Date	September 22, 2003
				First Named Inventor	Manuel Fahndrich
				Art Unit	2661
				Examiner Name	Unknown
Sheet	1	of	2	Attorney Docket Number	MS304414.1/MSFTP464US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		T. BALL and S.K. RAJAMANI. Automatically Validating Temporal Safety Properties of Interfaces. In SPIN 2001, Workshop on Model Checking of Software, LNCS 2057, pp. 103-122, 2001.	
		C. BOYAPATI, et al. Ownership Types for Safe Programming: Preventing Data Races and Deadlocks. In Proc. of the 17th Conference on Object-Oriented Programming, Systems, Languages, and Applications. ACM Press, 2002. 20 pages.	
		W.R. BUSH, et al. A Static Analyzer for Finding Dynamic Programming Errors. Software-- Practice and Experience, Vol. 30, pp. 775-802, 2000.	
		M. DAS, et al. ESP: Path-sensitive Program Verification in Polynomial Time. In PLDI '02, 2002. 12 pages.	
		K. CRARY, et al. Typed Memory Management in a Calculus of Capabilities. In Conference Record of the 26th Annual ACM SIGPLAN-SIGACT Symposium on Principles of Programming Languages, ACM Press, 1999. 14 pages.	
		M. FAHNDRICH and R. DELINE. Adoption and Focus: Practical Linear Types for Imperative Programming. In PLDI '02, 2002. 12 pages.	
		C. FLANAGAN and S.N. FREUND. Type-based Race Detection for Java. In Proc. of the 2000 ACM SIGPLAN Conference on Programming Language Design and Implementation, pp. 219-232, 2000.	
		A.D. GORDON and D. SYME. Typing a Multi-language Intermediate Code. In Conference Record of the 28th Annual ACM Symposium on Principles of Programming Languages, pp. 248-260, ACM Press, 2001.	
		S. HALLEM, et al. A System and Language for Building System-specific, Static, Analyses. In PLDI '02, 2002. 14 pages.	
		Proceedings of the 2002 ACM SIGPLAN Conference on Programming Language Design and Implementation, June 2002. 2 pages.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number	10/667,542
Filing Date	September 22, 2003
First Named Inventor	Manuel Fahndrich
Art Unit	2661
Examiner Name	Unknown
Attorney Docket Number	MS304414.1/MSFTP464US

Sheet	2	of	2
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[illegible]Date
Considered

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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